

IN THE SPECIFICATION

Please amend the specification on page 2, line 11 as follows:

BRIEF SUMMARY OF THE INVENTION

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*B* ~~Not applicable~~ An automatic statistics generation and management system includes a head-end system, a statistics generation system, and a statistics management system. The head-end system receives video input data of a sporting event in real-time and generates semantic information and geometric information without input from an operator. The head-end system utilizes software applications which includes rules and specifics and determines from the tracking information all the statistical information. The statistics generation system generates sporting statistics based on at least one of the semantic information and the geometric information received from the head-end system. The statistics management system stores and manages the sporting statistics received from the statistics generation system.

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